



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reviewing the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

**DATA MATRIX**

Date 9/10/2014		EPA Reg No./File Symbol 91113 - R		Page 1 of 5	
Applicant's/Registrant's Name & Address B.S.T. Ag Solutions, LLC, 7525 Highway 273, Blakely, GA 39823		Product TAS-007			
Ingredient Cold Pressed Neem Oil 16.7%					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Identity and Composition					
880.1100	Product Identity and Composition	49430501	B.S.T. Ag Solutions	OWN	
880.1200	Description of starting materials, production and formulation	49430501	B.S.T. Ag Solutions	OWN	
880.1400	Discussion of formation of impurities	49430501	B.S.T. Ag Solutions	OWN	
Analysis and Certified Limits					
830.1700	Preliminary analysis	49430502	B.S.T. Ag Solutions	OWN	
830.1750	Certified Limits	49430501	B.S.T. Ag Solutions	OWN	
830.1800	Enforcement analytical method	49430502	B.S.T. Ag Solutions	OWN	
Physical and Chemical Characteristics					
830.6302	Color	49430503	B.S.T. Ag Solutions	OWN	
830.6303	Physical state	49430503	B.S.T. Ag Solutions	OWN	
830.6304	Odor	49430503	B.S.T. Ag Solutions	OWN	
830.6313	Stability to normal and elevated temps, metals, metal ions	49430505			1
830.6315	Flammability	49430505	B.S.T. Ag Solutions	OWN	1
830.6317	Storage Stability	49430504	B.S.T. Ag Solutions	OWN	2
Signature <i>Olav Messerschmidt</i>			Name and Title Olav Messerschmidt, Registration Agent		Date 09/10/2014



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Ingredient Cold Pressed Neem Oil 16.7%					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6319	Miscibility	49430505		NA	1
830.6320	Corrosion characteristics	49430504	B.S.T. Ag Solution	OWN	2
830.7000	pH	49430505		NA	1
830.7050	UV/Visible light absorption	49430505		NA	1
830.7100	Viscosity	49430505		NA	1
830.7200	Melting point	49430505		NA	1
830.7220	Boiling point	49430505		NA	1
830.7300	Density, bulk density, or specific gravity	49430503	B.S.T. Ag Solution		
830.7520	Particle size, fiber length, and clamter distribution	49430503	B.S.T. Ag Solution		
830.7550	Octanol/Water partition coefficient - shake flask method	49430505		NA	1
830.7560	Octanol/Water partition coefficient - generator column met	49430505		NA	1
830.7570	Octanol/Water partition coefficient - estimation by liquid ch	49430505		NA	1
830.7840	Water solubility	49430505		NA	1
830.7950	Vapor pressure	49430505		NA	1
Signature <i>Olav Messerschmidt</i>		Name and Title Olav Messerschmidt, Registration Agent		Date 09/10/2014	

EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Agency Internal Use Copy

-05 storage  
-03 preliminary  
-04 physical





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Applicant's/Registrant's Name & Address B.S.T. Ag Solutions, LLC, 7525 Highway 273, Blakely, GA 39823			Product TAS-007		
Ingredient Cold Pressed Neem Oil 16.7% <i>-06 product</i>					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Tier I					
870.1100	Acute oral toxicity <i>-10</i>	49430509	B.S.T. Ag Solutions	OWN	
870.1200	Acute dermal toxicity <i>-07</i>	49430506	B.S.T. Ag Solutions	OWN	
870.1300	Acute inhalation <i>-10</i>	49430509	B.S.T. Ag Solutions	OWN	
870.2400	Acute eye irritation <i>-08</i>	49430507	B.S.T. Ag Solutions	OWN	
870.2500	Acute dermal irritation <i>-09</i>	49430508	B.S.T. Ag Solutions	OWN	
870.2600	Skin sensitization <i>-10</i>	49430509	B.S.T. Ag Solutions	OWN	
none	Hypersensitivity incidents	49430501	B.S.T. Ag Solutions	OWN	
870.3100	90-day Oral (one species)	49430509	B.S.T. Ag Solutions	OWN	
870.3250	90-day Dermal - rat	49430509	B.S.T. Ag Solutions	OWN	
870.3465	90-day Inhalation	49430509	B.S.T. Ag Solutions	OWN	
870.3700	Prenatal Development	NA		FOR	4
870.5100	Bacterial reverse mutation	NA		FOR	4
870.5300, 5375	In vitro mammalian cell assay	NA		FOR	4
Signature <i>Olav Meerschmidt</i>			Name and Title Olav Meerschmidt, Registration Agent		Date 09/10/2014

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Ingredient Cold Pressed Neem Oil 16.7%					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Residue Data					
860.1100	Chemical Identity			NA	5
860.1200	Directions For Use			NA	5
860.1300, 860.1340, 860.1360	Nature of the Residues				
860.1400, 1460, 1480, 1500, 1520, 1560	Magnitude of the Residues			NA	5
Product Performance Data					6
810.3000	Efficacy of Invertebrate Control Agents			NA	
Non-target & Env. Expression Data					
850.2100	Avian Acute Oral	49430512	B.S.T. Ag Solutions	OWN	3
850.2200	Avian Dietary	49430512	B.S.T. Ag Solutions	OWN	3
850.1075	Freshwater fish LC50	49430512	B.S.T. Ag Solutions	OWN	3
850.1010	Freshwater Invertebrate LC50	49430512	B.S.T. Ag Solutions	OWN	3
850.4100	Non-target Plant - Seedling Emergence	49430512	B.S.T. Ag Solutions	OWN	3
850.4150	Non-target Plant - Vegetative Vigor	49430512	B.S.T. Ag Solutions	OWN	3
880.4350	Non-target Insect Data	49430512	B.S.T. Ag Solutions	OWN	3
Signature <i>Olav Messerschmidt</i>			Name and Title Olav Messerschmidt, Registration Agent		Date 09/10/2014

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**Applicant's Name and Address:** B.S.T. Ag Solutions, LLC  
7525 Highway 273  
Blakely, GA 39823

**Product:** TAS-007

**Ingredient:** Cold Pressed Neem Oil 16.7%

**NOTES**

- |   |  |
|---|--|
| 1 | N/A: these data are not applicable to this product. Waiver requested       |
| 2 | Rationale submitted. Study in progress                                     |
| 3 | Satisfaction of Data Requirements with Literature/Rationale                |
| 4 | This study is for MUP or TGAI. This application for for an End-Use Product |
| 5 | N/A: Exempt from the Requirement of a Tolerance                            |
| 6 | Submitted upon request   |
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|   |  |
|   |  |

**Signature:**

*Olav Messerschmidt*

**Name and Title:**

Olav Messerschmidt  
Registration Agent

**Date:** September 10, 2014



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Applicant's/Registrant's Name & Address

B.S.T. Ag Solutions, LLC, 7525 Highway 273, Blakely, GA 39823

Product

TAS-007

Ingredient Cold Pressed Neem Oil 16.7%

Guideline Reference Number

Guideline Study Name

MRID Number

Submitter

Status

Note

B.S.T. Ag Solutions

OWN

B.S.T. Ag Solutions

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Signature

*Olav Messerschmidt*

Name and Title

Olav Messerschmidt, Registration Agent

Date

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Product

TAS-007

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				NA	
			B.S.T. Ag Solution	OWN	
				NA	
				NA	
				NA	
				NA	
				NA	
			B.S.T. Ag Solution		
			B.S.T. Ag Solution		
				NA	
				NA	
				NA	
				NA	
				NA	

Signature

*Olav Messerschmidt*

Name and Title

Olav Messerschmidt, Registration Agent

Date

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Ingredient Cold Pressed Neem Oil 16.7%

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			B.S.T. Ag Solutions	OWN	
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			B.S.T. Ag Solutions	OWN	
				FOR	
				FOR	

Signature 	Name and Title Olav Messerschmidt, Registration Agent	Date 09/10/2014
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				NA	
				NA	
				NA	
				NA	
			B.S.T. Ag Solutions	OWN	
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			B.S.T. Ag Solutions	OWN	
B.S.T. Ag Solutions	OWN				
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**Product:** TAS-007**Ingredient:** Cold Pressed Neem Oil 16.7%**NOTES**

- |   |  |
|---|--|
| 1 | N/A: these data are not applicable to this product. Waiver requested       |
| 2 | Rationale submitted. Study in progress                                     |
| 3 | Satisfaction of Data Requirements with Literature/Rationale                |
| 4 | This study is for MUP or TGAI. This application for for an End-Use Product |
| 5 | N/A: Exempt from the Requirement of a Tolerance                            |
| 6 | Submitted upon request   |
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**Signature:**

**Name and Title:**

Olav Messerschmidt  
 Registration Agent

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